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Gly Leu Thr Ser Val Pro Thr Asn Ile Pro Phe Asp Thr Arg Met
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- Ala Leu Ala Leu Leu Leu Leu Leu Gly Ala Gly Pro Arg Gly
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- Ser Ser Leu Ala Asn Pro Val Pro Ala Ala Pro Leu Ser Ala Pro 35 40 45
- Gly Pro Cys Ala Ala Gln Pro Cys Arg Asn Gly Gly Val Cys Thr
 50 55 60
- Ser Arg Pro Glu Pro Asp Pro Gln His Pro Ala Pro Ala Gly Glu 65 70 75
- Pro Gly Tyr Ser Cys Thr Cys Pro Ala Gly Ile Ser Gly Ala Asn 80 85 90
- Cys Gln Leu Val Ala Asp Pro Cys Ala Ser Asn Pro Cys His His
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- Gly Asn Cys Ser Ser Ser Ser Ser Ser Ser Ser Asp Gly Tyr Leu

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<211> 737

<212> PRT

<213> Homo Sapien

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Arg	Gln	Leu	Gln	Pro 155	Val	Pro	Ala	Thr	Gln 160	Glu	Pro	Asp	Lys	Ile 165
Leu	Pro	Arg	Ser	Gln 170	Ala	Thr	Val	Thr	Leu 175	Pro	Thr	Trp	Gln	Pro 180
Lys	Thr	Gly	Gln	Lys 185	Val	Val	Glu	Met	Lys 190	Trp	Asp	Gln	Val	Glu 195
Val	Ile	Pro	Asp	Ile 200	Ala	Cys	Gly	Asn	Ala 205	Ser	Ser	Asn	Ser	Ser 210
Ala	Gly	Gly	Arg	Leu 215	Val	Ser	Phe	Glu	Val 220	Pro	Gln	Asn	Thr	Ser 225
Val	Lys	Ile	Arg	Gln 230	Asp	Ala	Thr	Ala	Ser 235	Leu	Ile	Leu	Leu	Trp 240
Lys	Val	Thr	Ala	Thr 245	Gly	Phe	Gln	Gln	Cys 250	Ser	Leu	Ile	Asp	Gly 255
Arg	Ser	Val	Thr	Pro 260	Leu	Gln	Ala	Ser	Gly 265	Gly	Leu	Val	Leu	Leu 270
Glu	Glu	Met	Leu	Ala 275	Leu	Gly	Asn	Asn	His 280	Phe	Ile	Gly	Phe	Val 285
Asn	Asp	Ser	Val	Thr 290	Lys	Ser	Ile	Val	Ala 295	Leu	Arg	Leu	Thr	Leu 300
Val	Val	Lys	Val	Ser 305	Thr	Cys	Val	Pro	Gly 310	Glu	Ser	His	Ala	Asn 315
Asp	Leu	Glu	Cys	Ser 320	_	Lys	Gly	_	Cys 325		Thr	Lys		Ser 330
Glu	Ala	Thr	Phe	Ser 335	Cys	Thr	Cys	Glu	Glu 340	Gln	Tyr	Val	Gly	Thr 345
Phe	Cys	Glu	Glu	Tyr 350	Asp	Ala	Cys	Gln	Arg 355	Lys	Pro	Cys	Gln	Asn 360
Asn	Ala	Ser	Cys	Ile 365	Asp	Ala	Asn	Glu	Lys 370	Gln	Asp	Gly	Ser	Asn 375
Phe	Thr	Cys	Val	Cys 380	Leu	Pro	Gly	Tyr	Thr 385	Gly	Glu	Leu	Cys	Gln 390
Ser	Lys	Ile	Asp	Tyr 395	Cys	Ile	Leu	Asp	Pro 400	Cys	Arg	Asn	Gly	Ala 405

Thr Cys Ile Ser Ser Leu Ser Gly Phe Thr Cys Gln Cys Pro Glu 415 Gly Tyr Phe Gly Ser Ala Cys Glu Glu Lys Val Asp Pro Cys Ala Ser Ser Pro Cys Gln Asn Asn Gly Thr Cys Tyr Val Asp Gly Val 440 His Phe Thr Cys Asn Cys Ser Pro Gly Phe Thr Gly Pro Thr Cys Ala Gln Leu Ile Asp Phe Cys Ala Leu Ser Pro Cys Ala His Gly Thr Cys Arg Ser Val Gly Thr Ser Tyr Lys Cys Leu Cys Asp Pro Gly Tyr His Gly Leu Tyr Cys Glu Glu Glu Tyr Asn Glu Cys Leu Ser Ala Pro Cys Leu Asn Ala Ala Thr Cys Arg Asp Leu Val Asn Gly Tyr Glu Cys Val Cys Leu Ala Glu Tyr Lys Gly Thr His Cys Glu Leu Tyr Lys Asp Pro Cys Ala Asn Val Ser Cys Leu Asn Gly Ala Thr Cys Asp Ser Asp Gly Leu Asn Gly Thr Cys Ile Cys Ala Pro Gly Phe Thr Gly Glu Glu Cys Asp Ile Asp Ile Asn Glu Cys Asp Ser Asn Pro Cys His His Gly Gly Ser Cys Leu Asp Gln Pro Asn Gly Tyr Asn Cys His Cys Pro His Gly Trp Val Gly Ala Asn Cys Glu Ile His Leu Gln Trp Lys Ser Gly His Met Ala Glu Ser Leu Thr Asn Met Pro Arg His Ser Leu Tyr Ile Ile Gly Ala Leu Cys Val Ala Phe Ile Leu Met Leu Ile Ile Leu Ile Val Gly 655 Ile Cys Arg Ile Ser Arg Ile Glu Tyr Gln Gly Ser Ser Arg Pro Ala Tyr Glu Glu Phe Tyr Asn Cys Arg Ser Ile Asp Ser Glu Phe 680 Ser Asn Ala Ile Ala Ser Ile Arg His Ala Arg Phe Gly Lys Lys 695 700 705

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Tyr Ser Pro Asp Asp Lys Pro Leu Val Thr Leu Ile Lys Thr Lys
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Asp Leu

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- <211> 43
- <212> DNA
- <213> Artificial Sequence
- <220>
- <223> Synthetic Oligonucleotide Probe
- <400> 16

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- <211> 41
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- <213> Artificial Sequence
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- <400> 17

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- <211> 508
- <212> DNA
- <213> Homo Sapien
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<223> Synthetic oligonucleotide probe

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<210> 23

<211> 1520

<212> DNA

<213> Homo Sapien

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<213> Homo Sapien

<400> 24

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Pro Leu Val Asp Gly His Asn Asp Leu Pro Leu Val Leu Arg Gln 35 40 45

Val Tyr Gln Lys Gly Leu Gln Asp Val Asn Leu Arg Asn Phe Ser 50 55 60

Tyr Gly Gln Thr Ser Leu Asp Arg Leu Arg Asp Gly Leu Val Gly
65 70 75

Ala Gln Phe Trp Ser Ala Tyr Val Pro Cys Gln Thr Gln Asp Arg
80 85 90

Asp Ala Leu Arg Leu Thr Leu Glu Gln Ile Asp Leu Ile Arg Arg 95 100 105

Met Cys Ala Ser Tyr Ser Glu Leu Glu Leu Val Thr Ser Ala Lys 110 115 120

Ala Leu Asn Asp Thr Gln Lys Leu Ala Cys Leu Ile Gly Val Glu 125 130 135

Gly Gly His Ser Leu Asp Asn Ser Leu Ser Ile Leu Arg Thr Phe
140 145 150

Tyr Met Leu Gly Val Arg Tyr Leu Thr Leu Thr His Thr Cys Asn 155 160 165

Thr Pro Trp Ala Glu Ser Ser Ala Lys Gly Val His Ser Phe Tyr 170 175 180 Asn Asn Ile Ser Gly Leu Thr Asp Phe Gly Glu Lys Val Val Ala 185 Glu Met Asn Arg Leu Gly Met Met Val Asp Leu Ser His Val Ser Asp Ala Val Ala Arg Arg Ala Leu Glu Val Ser Gln Ala Pro Val 220 Ile Phe Ser His Ser Ala Ala Arg Gly Val Cys Asn Ser Ala Arg 235 Asn Val Pro Asp Asp Ile Leu Gln Leu Leu Lys Lys Asn Gly Gly 245 250 Val Val Met Val Ser Leu Ser Met Gly Val Ile Gln Cys Asn Pro 260 265 Ser Ala Asn Val Ser Thr Val Ala Asp His Phe Asp His Ile Lys 275 280 Ala Val Ile Gly Ser Lys Phe Ile Gly Ile Gly Gly Asp Tyr Asp 290 Gly Ala Gly Lys Phe Pro Gln Gly Leu Glu Asp Val Ser Thr Tyr 305 Pro Val Leu Ile Glu Glu Leu Leu Ser Arg Gly Trp Ser Glu Glu 320 Glu Leu Gln Gly Val Leu Arg Gly Asn Leu Leu Arg Val Phe Arg 335 340 Gln Val Glu Lys Val Gln Glu Glu Asn Lys Trp Gln Ser Pro Leu 350 Glu Asp Lys Phe Pro Asp Glu Gln Leu Ser Ser Cys His Ser 365 370 Asp Leu Ser Arg Leu Arg Gln Arg Gln Ser Leu Thr Ser Gly Gln 380 Glu Leu Thr Glu Ile Pro Ile His Trp Thr Ala Lys Leu Pro Ala 395 Lys Trp Ser Val Ser Glu Ser Ser Pro His Met Ala Pro Val Leu Ala Val Val Ala Thr Phe Pro Val Leu Ile Leu Trp Leu 425 430

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<212> DNA

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<223> Synthetic oligonucleotide probe

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 egaceacact cagtagtece ageacecagg geetgeaaga geaggeaegg 150
 gccctgatgc gggacttccc gctcgtggac ggccacaacg acctgcccct 200
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<212> PRT

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Pro Leu Val Asp Gly His Asn Asp Leu Pro Leu Val Leu Arg Gln 35 40 40

Val Tyr Gln Lys Gly Leu Gln Asp Val Asn Leu Arg Asn Phe Ser

- Ala Gln Phe Trp Ser Ala Tyr Val Pro Cys Gln Thr Gln Asp Arg
- 80 85 81 Ala Gin Phe Trp Ser Ala Tyr Val Pro Cys Gin Thr Gin Asp Arg
- Asp Ala Leu Arg Leu Thr Leu Glu Gln Ile Asp Leu Ile Arg Arg 95 100 105
- Met Cys Ala Ser Tyr Ser Glu Leu Glu Leu Val Thr Ser Ala Lys 110 115 120
- Ala Leu Asn Asp Thr Gln Lys Leu Ala Cys Leu Ile Gly Val Glu 125 130 135
- Gly Gly His Ser Leu Asp Asn Ser Leu Ser Ile Leu Arg Thr Phe 140 145 150
- Tyr Met Leu Gly Val Arg Tyr Leu Thr Leu Thr His Thr Cys Asn 155 160 165
- Thr Pro Trp Ala Glu Ser Ser Ala Lys Gly Val His Ser Phe Tyr 170 175 180
- Asn Asn Ile Ser Gly Leu Thr Asp Phe Gly Glu Lys Val Val Ala 185 190 195
- Glu Met Asn Arg Leu Gly Met Met Val Asp Leu Ser His Val Ser 200 205 210
- Asp Ala Val Ala Arg Arg Ala Leu Glu Val Ser Gln Ala Pro Val 215 220 225
- Ile Phe Ser His Ser Ala Ala Arg Gly Val Cys Asn Ser Ala Arg 230 235 240
- Asn Val Pro Asp Asp Ile Leu Gln Leu Leu Lys Lys Asn Gly Gly 245 250 250
- Val Val Met Val Ser Leu Ser Met Gly Val Ile Gln Cys Asn Pro 260 265 270
- Ser Ala Asn Val Ser Thr Val Ala Asp His Phe Asp His Ile Lys 275 280 285
- Ala Val Ile Gly Ser Lys Phe Ile Gly Ile Gly Gly Asp Tyr Asp 290 295 300
- Gly Ala Gly Lys Phe Pro Gln Gly Leu Glu Asp Val Ser Thr Tyr
- Pro Val Leu Ile Glu Glu Leu Leu Ser Arg Gly Trp Ser Glu Glu 320 325 330
- Glu Leu Gln Gly Val Leu Arg Gly Asn Leu Leu Arg Val Phe Arg 335 340 345

Gln Val Glu Lys Val Gln Glu Glu Asn Lys Trp Gln Ser Pro Leu 360

Glu Asp Lys Phe Pro Asp Glu Gln Leu Ser 370

Asp Leu Ser Arg Leu Arg Gln Arg Gln Ser Leu Thr Ser Gly Gln 380

Glu Leu Thr Glu Ile Pro Ile His Trp Thr Ala Lys Leu Pro Ala 400

Lys Trp Ser Val Ser Glu Ser Ser Pro His Pro Asp Lys Thr His 410

Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser 435

Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr

440 445

<210> 31

<211> 1790

<212> DNA

<213> Homo Sapien

<400> 31

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<210> 32

<211> 422

<212> PRT

<213> Homo Sapien

<400> 32

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1 5 10 15

Pro Pro Pro Leu Leu Pro Leu Leu Leu Leu Cys Val Leu Gly
20 25 30

Ala Pro Arg Ala Gly Ser Gly Ala His Thr Ala Val Ile Ser Pro
35 40 45

Gln Asp Pro Thr Leu Leu Ile Gly Ser Ser Leu Leu Ala Thr Cys
50 55 60

Ser	Val	His	Gly	Asp 65	Pro	Pro	Gly	Ala	Thr 70	Ala	Glu	Gly	Leu	Tyr 75
Trp	Thr	Leu	Asn	Gly 80	Arg	Arg	Leu	Pro	Pro 85	Glu	Leu	Ser	Arg	Val 90
Leu	Asn	Ala	Ser	Thr 95	Leu	Ala	Leu	Ala	Leu 100	Ala	Asn	Leu	Asn	Gly 105
Ser	Arg	Gln	Arg	Ser 110	Gly	Asp	Asn	Leu	Val 115	Cys	His	Ala	Arg	Asp 120
Gly	Ser	Ile	Leu	Ala 125	Gly	Ser	Cys	Leu	Tyr 130	Val	Gly	Leu	Pro	Pro 135
Glu	Lys	Pro	Val	Asn 140	Ile	Ser	Cys	Trp	Ser 145	Lys	Asn	Met	Lys	Asp 150
Leu	Thr	Cys	Arg	Trp 155	Thr	Pro	Gly	Ala	His 160	Gly	Glu	Thr	Phe	Leu 165
His	Thr	Asn	Tyr	Ser 170	Leu	Lys	Tyr	Lys	Leu 175	Arg	Trp	Tyr	Gly	Gln 180
Asp	Asn	Thr	Cys	Glu 185	Glu	Tyr	His	Thr	Val 190	Gly	Pro	His	Ser	Cys 195
His	Ile	Pro	Lys	Asp 200	Leu	Ala	Leu	Phe	Thr 205	Pro	Tyr	Glu	Ile	Trp 210
Val	Glu	Ala	Thr	Asn 215	Arg	Leu	Gly	Ser	Ala 220	Arg	Ser	Asp	Val	Leu 225
Thr	Leu	Asp	Ile	Leu 230	Asp	Val	Val	Thr	Thr 235	Asp	Pro	Pro	Pro	Asp 240
Val	His	Val	Ser	Arg 245	Val	Gly	Gly	Leu	Glu 250	Asp	Gln	Leu	Ser	Val 255
Arg	Trp	Val	Ser	Pro 260	Pro	Ala	Leu	Lys	Asp 265	Phe	Leu	Phe	Gln	Ala 270
Lys	Tyr	Gln	Ile	Arg 275	Tyr	Arg	Val	Glu	Asp 280	Ser	Val	Asp	Trp	Lys 285
Val	Val	Asp	Asp	Val 290	Ser	Asn	Gln	Thr	Ser 295	Cys	Arg	Leu	Ala	Gly 300
Leu	Lys	Pro	Gly	Thr 305	Val	Tyr	Phe	Val	Gln 310	Val	Arg	Cys	Asn	Pro 315
Phe	Gly	Ile	Tyr	Gly 320	Ser	Lys	Lys	Ala	Gly 325	Ile	Trp	Ser	Glu	Trp 330
Ser	His	Pro	Thr	Ala 335	Ala	Ser	Thr	Pro	Arg 340	Ser	Glu	Arg	Pro	Gly 345
Pro	Gly	Gly	Gly	Ala	Cys	Glu	Pro	Arg	Gly	Gly	Glu	Pro	Ser	Ser

350 355 360

Gly Pro Val Arg Arg Glu Leu Lys Gln Phe Leu Gly Trp Leu Lys

Lys His Ala Tyr Cys Ser Asn Leu Ser Phe Arg Leu Tyr Asp Gln 380 385 390

Trp Arg Ala Trp Met Gln Lys Ser His Lys Thr Arg Asn Gln Asp 395 400 405

Glu Gly Ile Leu Pro Ser Gly Arg Arg Gly Thr Ala Arg Gly Pro
410 415 420

Ala Arg

<210> 33

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 33

cccgcccgac gtgcacgtga gcc 23

<210> 34

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic oligonucleotide probe

<400> 34

tgagccagcc caggaactgc ttg 23

<210> 35

<211> 50

<212> DNA

<213> Artificial Sequence

<220×

<223> Synthetic oligonucleotide probe

<400> 35

caagtgcgct gcaacccctt tggcatctat ggctccaaga aagccgggat 50

<210> 36

<211> 1771

<212> DNA

<213> Homo Sapien

<400> 36

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agtggtaaaa aaaaaaaaa acaccaaa cgctcgcagc cacaaaaggg 100 atgaaattte ttetggacat ceteetgett etceegttae tgategtetg 150 ctccctagag tccttcgtga agctttttat tcctaagagg agaaaatcag 200 tcaccggcga aatcgtgctg attacaggag ctgggcatgg aattgggaga 250 ctgactgcct atgaatttgc taaacttaaa agcaagctgg ttctctggga 300 tataaataag catggactgg aggaaacagc tgccaaatgc aagggactgg 350 gtgccaaggt tcataccttt gtggtagact gcagcaaccg agaagatatt 400 tacagctctg caaagaaggt gaaggcagaa attggagatg ttagtatttt 450 agtaaataat getggtgtag tetatacate agatttgttt getacacaag 500 atcctcagat tgaaaagact tttgaagtta atgtacttgc acatttctgg 550 actacaaagg catttettee tgeaatgaeg aagaataace atggeeatat 600 tgtcactgtg gcttcggcag ctggacatgt ctcggtcccc ttcttactgg 650 cttactgttc aagcaagttt gctgctgttg gatttcataa aactttgaca 700 gatgaactgg ctgccttaca aataactgga gtcaaaacaa catgtctgtg 750 tcctaatttc gtaaacactg gcttcatcaa aaatccaagt acaagtttgg 800 gacccactct ggaacctgag gaagtggtaa acaggctgat gcatgggatt 850 ctgactgagc agaagatgat ttttattcca tcttctatag cttttttaac 900 aacattggaa aggatccttc ctgagcgttt cctggcagtt ttaaaacgaa 950 aaatcagtgt taagtttgat gcagttattg gatataaaat gaaagcgcaa 1000 taagcaccta gttttctgaa aactgattta ccaggtttag gttgatgtca 1050 tctaatagtg ccagaatttt aatgtttgaa cttctgtttt ttctaattat 1100 ccccatttct tcaatatcat ttttgaggct ttggcagtct tcatttacta 1150 ccacttgttc tttagccaaa agctgattac atatgatata aacagagaaa 1200 tacctttaga ggtgacttta aggaaaatga agaaaaagaa ccaaaatgac 1250 tttattaaaa taatttccaa gattatttgt ggctcacctg aaggctttgc 1300 aaaatttgta ccataaccgt ttatttaaca tatatttta tttttgattg 1350 cacttaaatt ttgtataatt tgtgtttctt tttctgttct acataaaatc 1400 agaaacttca agctctctaa ataaaatgaa ggactatatc tagtggtatt 1450 tcacaatgaa tatcatgaac tctcaatggg taggtttcat cctacccatt 1500 ٠.

<210> 37

<211> 300

<212> PRT

<213> Homo Sapien

<400> 37

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Val Cys Ser Leu Glu Ser Phe Val Lys Leu Phe Ile Pro Lys Arg
20 25 30

Arg Lys Ser Val Thr Gly Glu Ile Val Leu Ile Thr Gly Ala Gly
35 40 45

His Gly Ile Gly Arg Leu Thr Ala Tyr Glu Phe Ala Lys Leu Lys
50 55 60

Ser Lys Leu Val Leu Trp Asp Ile Asn Lys His Gly Leu Glu Glu 65 70 75

Thr Ala Ala Lys Cys Lys Gly Leu Gly Ala Lys Val His Thr Phe 80 85 90

Val Val Asp Cys Ser Asn Arg Glu Asp Ile Tyr Ser Ser Ala Lys 95 100 105

Lys Val Lys Ala Glu Ile Gly Asp Val Ser Ile Leu Val Asn Asn 110 115 120

Ala Gly Val Val Tyr Thr Ser Asp Leu Phe Ala Thr Gln Asp Pro 125 130 135

Gln Ile Glu Lys Thr Phe Glu Val Asn Val Leu Ala His Phe Trp 140 145 150

Thr Thr Lys Ala Phe Leu Pro Ala Met Thr Lys Asn Asn His Gly
155 160 165

His Ile Val Thr Val Ala Ser Ala Ala Gly His Val Ser Val Pro 170 175 180

Phe Leu Leu Ala Tyr Cys Ser Ser Lys Phe Ala Ala Val Gly Phe 185 190 195

His Lys Thr Leu Thr Asp Glu Leu Ala Ala Leu Gln Ile Thr Gly

200 205 210	ł									
Val Lys Thr Thr Cys Leu Cys Pro Asn Phe Val Asn Thr Gly Phe 215 220 225										
Ile Lys Asn Pro Ser Thr Ser Leu Gly Pro Thr Leu Glu Pro Glu 230 235 240										
Glu Val Val Asn Arg Leu Met His Gly Ile Leu Thr Glu Gln Lys 245 250 255										
Met Ile Phe Ile Pro Ser Ser Ile Ala Phe Leu Thr Thr Leu Glu 260 265 270										
Arg Ile Leu Pro Glu Arg Phe Leu Ala Val Leu Lys Arg Lys Ile 275 280 285										
Ser Val Lys Phe Asp Ala Val Ile Gly Tyr Lys Met Lys Ala Gln 290 295 300										
<210> 38 <211> 23 <212> DNA <213> Artificial Sequence										
<220> <223> Synthetic oligonucleotide probe										
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<210> 39 <211> 24 <212> DNA <213> Artificial Sequence										
<220> <223> Synthetic oligonucleotide probe										
<400> 39 atcccatgca tcagcctgtt tacc 24										
<210> 40 <211> 48 <212> DNA <213> Artificial Sequence										
<220> <223> Synthetic oligonucleotide probe										
<400> 40 gctggtgtag tctatacatc agatttgttt gctacacaag atcctcag 48										
<210> 41 <211> 1377 <212> DNA <213> Homo Sapien										

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<210> 42

<211> 243

<212> PRT

<213> Homo Sapien

<400> 42

Met Arg Pro Leu Leu Val Leu Leu Leu Gly Leu Ala Ala Gly
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Ser Pro Pro Leu Asp Asp Asn Lys Ile Pro Ser Leu Cys Pro Gly 20 25 30

His Pro Gly Leu Pro Gly Thr Pro Gly His His Gly Ser Gln Gly
35 40 45

Leu Pro Gly Arg Asp Gly Arg Asp Gly Arg Asp Gly Ala Pro Gly
50 55 60

Ala Pro Gly Glu Lys Gly Glu Gly Gly Arg Pro Gly Leu Pro Gly
65 70 75

Pro Arg Gly Asp Pro Gly Pro Arg Gly Glu Ala Gly Pro Ala Gly
80 85 90

Pro Thr Gly Pro Ala Gly Glu Cys Ser Val Pro Pro Arg Ser Ala 95 100 105

Phe Ser Ala Lys Arg Ser Glu Ser Arg Val Pro Pro Pro Ser Asp 110 115 120

Ala Pro Leu Pro Phe Asp Arg Val Leu Val Asn Glu Gln Gly His 125 130 135

Tyr Asp Ala Val Thr Gly Lys Phe Thr Cys Gln Val Pro Gly Val

Tyr Tyr Phe Ala Val His Ala Thr Val Tyr Arg Ala Ser Leu Gln

Phe Asp Leu Val Lys Asn Gly Glu Ser Ile Ala Ser Phe Phe Gln
170 175 180

Phe Phe Gly Gly Trp Pro Lys Pro Ala Ser Leu Ser Gly Gly Ala 185 190 190

Met Val Arg Leu Glu Pro Glu Asp Gln Val Trp Val Gln Val Gly

Val Gly Asp Tyr Ile Gly Ile Tyr Ala Ser Ile Lys Thr Asp Ser 215 220 225

Thr Phe Ser Gly Phe Leu Val Tyr Ser Asp Trp His Ser Ser Pro 230 235 240

Val Phe Ala

<210> 43

<211> 24

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<213> Artificial Sequence
<223> Synthetic oligonucleotide probe
<400> 43
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<212> DNA
<213> Artificial Sequence
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<223> Synthetic oligonucleotide probe
<400> 44
agccagcctc gctctcgg 18
<210> 45
<211> 18
<212> DNA
<213> Artificial Sequence
<223> Synthetic oligonucleotide probe
<400> 45
gtctgcgatc aggtctgg 18
<210> 46
<211> 20
<212> DNA
<213> Artificial Sequence
<223> Synthetic oligonucleotide probe
<400> 46
gaaagaggca atggattcgc 20
<210> 47
<211> 24
<212> DNA
<213> Artificial Sequence
<223> Synthetic oligonucleotide probe
<400> 47
gacttacact tgccagcaca gcac 24
<210> 48
<211> 45
<212> DNA
<213> Artificial Sequence
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<220> <223> Synthetic oligonucleotide probe <400> 48 ggagcaccac caactggagg gtccggagta gcgagcgccc cgaag 45 <210> 49 <211> 1876 <212> DNA <213> Homo Sapien <400> 49 ctcttttgtc caccagccca gcctgactcc tggagattgt gaatagctcc 50 atccagcetg agaaacaage egggtggetg agecaggetg tgcaeggage 100 acctgacggg cccaacagac ccatgctgca tccagagacc tcccctggcc 150 gggggcatct cctggctgtg ctcctggccc tccttggcac cacctgggca 200 gaggtgtggc caccccagct gcaggagcag gctccgatgg ccggagccct 250 gaacaggaag gagagtttct tgctcctctc cctgcacaac cgcctgcgca 300 gctgggtcca gccccctgcg gctgacatgc ggaggctgga ctggagtgac 350 agcctggccc aactggctca agccagggca gccctctgtg gaatcccaac 400 cccgagcctg gcatccggcc tgtggcgcac cctgcaagtg ggctggaaca 450 tgcagctgct gcccgcgggc ttggcgtcct ttgttgaagt ggtcagccta 500 tggtttgcag aggggcagcg gtacagccac gcggcaggag agtgtgctcg 550 caacgccacc tgcacccact acacgcagct cgtgtgggcc acctcaagcc 600 agctgggctg tgggcggcac ctgtgctctg caggccagac agcgatagaa 650 gcctttgtct gtgcctactc ccccggaggc aactgggagg tcaacgggaa 700 gacaatcatc ccctataaga agggtgcctg gtgttcgctc tgcacagcca 750 gtgtctcagg ctgcttcaaa gcctgggacc atgcaggggg gctctgtgag 800 gtccccagga atccttgtcg catgagctgc cagaaccatg gacgtctcaa 850 catcagcacc tgccactgcc actgtccccc tggctacacg ggcagatact 900 gccaagtgag gtgcagcctg cagtgtgtgc acggccggtt ccgggaggag 950 gagtgctcgt gcgtctgtga catcggctac gggggagccc agtgtgccac 1000 caaggtgcat tttcccttcc acacctgtga cctgaggatc gacggagact 1050 getteatggt gtetteagag geagacacet attacagage caggatgaaa 1100

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tgtcagagga aaggcggggt gctggcccag atcaagagcc agaaagtgca 1150

ggacatecte geettetate tgggeegeet ggagaceaee aaegaggtga 1200 ctgacagtga cttegagace aggaacttet ggateggget cacetacaag 1250 aeegeeaagg acteetteeg etgggeeaea ggggageaee aggeetteae 1300 cagttttgee tttgggeage ctgacaaeea egggetggtg tggetgagtg 1350 ctgccatggg gtttggeaae tgegtggage tgeaggette agetgeette 1400 aaetggaaeg accagegetg eaaaaeeea aeeggtaae tetgeeagtg 1450 tgeeeaggag eaeateteee ggtggggeee agggteetga ggeetgaeea 1500 catggetee tegeetggee eagggeeee agggteetga ggeetgaeea 1500 catggetee tegeetgee tegegageee agggteetga ggeetgaeea 1600 agaggtetea gaeettgeae aatgeeagaa gegggeeaga 1650 gagggeeaga agggeeagg agtgagtgt agaagaagee ggggeeette 1700 geetgettt gattggaag atgggettea attagatgge gaaggagagg 1750 acacegeeag tggteeaaaa aggetgetee etteeaeeg ggeeeagaeee 1800 tgtggggeag eggagettee etteeaeeg ggtattaaat 1850

- <210> 50
- <211> 455
- <212> PRT
- <213> Homo Sapien

<400> 50

- Met Leu His Pro Glu Thr Ser Pro Gly Arg Gly His Leu Leu Ala 1 5 10 15
- Val Leu Leu Ala Leu Leu Gly Thr Trp Ala Glu Val Trp Pro 20 25 30
- Pro Gln Leu Gln Glu Gln Ala Pro Met Ala Gly Ala Leu Asn Arg 35 40 45
- Lys Glu Ser Phe Leu Leu Ser Leu His Asn Arg Leu Arg Ser
 50 55 60
- Trp Val Gln Pro Pro Ala Ala Asp Met Arg Arg Leu Asp Trp Ser 65 70 75
- Asp Ser Leu Ala Gln Leu Ala Gln Ala Arg Ala Ala Leu Cys Gly 80 85 90
- Ile Pro Thr Pro Ser Leu Ala Ser Gly Leu Trp Arg Thr Leu Gln
 95 100 105
- Val Gly Trp Asn Met Gln Leu Leu Pro Ala Gly Leu Ala Ser Phe

			110					115					120
Val Glu	Val	Val	Ser 125	Leu	Trp	Phe	Ala	Glu 130	Gly	Gln	Arg	Tyr	Ser 135
His Ala	Ala	Gly	Glu 140	Cys	Ala	Arg	Asn	Ala 145	Thr	Cys	Thr	His	Tyr 150
Thr Gln	Leu	Val	Trp 155	Ala	Thr	Ser	Ser	Gln 160	Leu	Gly	Cys	Gly	Arg 165
His Leu	Cys	Ser	Ala 170	Gly	Gln	Thr	Ala	Ile 175	Glu	Ala	Phe	Val	Cys 180
Ala Tyr	Ser	Pro	Gly 185	Gly	Asn	Trp	Glu	Val 190	Asn	Gly	Lys	Thr	Ile 195
Ile Pro	Tyr	Lys	Lys 200	Gly	Ala	Trp	Cys	Ser 205	Leu	Cys	Thr	Ala	Ser 210
Val Ser	Gly	Cys	Phe 215	Lys	Ala	Trp	Asp	His 220	Ala	Gly	Gly	Leu	Cys 225
Glu Val	Pro	Arg	Asn 230	Pro	Cys	Arg	Met	Ser 235	Cys	Gln	Asn	His	Gly 240
Arg Leu	Asn	Ile	Ser 245	Thr	Cys	His	Cys	His 250	Cys	Pro	Pro	Gly	Tyr 255
Thr Gly	Arg	Tyr	Cys 260	Gln	Val	Arg	Cys	Ser 265	Leu	Gln	Cys	Val	His 270
Gly Arg	Phe	Arg	Glu 275	Glu	Glu	Cys	Ser	Cys 280	Val	Cys	Asp	Ile	Gly 285
Tyr Gly	Gly	Ala	Gln 290	Cys	Ala	Thr	Lys	Val 295	His	Phe	Pro	Phe	His 300
Thr Cys	Asp	Leu	Arg 305	Ile	Asp	Gly	Asp	Cys 310	Phe	Met	Val	Ser	Ser 315
Glu Ala	Asp	Thr	Tyr 320	Tyr	Arg	Ala	Arg	Met 325	Lys	Cys	Gln	Arg	Lys 330
Gly Gly	Val	Leu	Ala 335	Gln	Ile	Lys	Ser	Gln 340	Lys	Val	Gln	Asp	Ile 345
Leu Ala	Phe	Tyr	Leu 350	Gly	Arg	Leu	Glu	Thr 355	Thr	Asn	Glu	Val	Thr 360
Asp Ser	Asp	Phe	Glu 365	Thr	Arg	Asn	Phe	Trp 370	Ile	Gly	Leu	Thr	Tyr 375
Lys Thr	Ala	Lys	Asp 380	Ser	Phe	Arg	Trp	Ala 385	Thr	Gly	Glu	His	Gln 390
Ala Phe	Thr	Ser	Phe 395	Ala	Phe	Gly	Gln	Pro 400	Asp	Asn	His	Gly	Leu 405

Val Trp Leu Ser Ala Ala Met Gly Phe Gly Asn Cys Val Glu Leu 410 415 Gln Ala Ser Ala Ala Phe Asn Trp Asn Asp Gln Arg Cys Lys Thr 425 430 Arg Asn Arg Tyr Ile Cys Gln Phe Ala Gln Glu His Ile Ser Arg 440 445 Trp Gly Pro Gly Ser <210> 51 <211> 24 <212> DNA <213> Artificial Sequence <223> Synthetic oligonucleotide probe <400> 51 aggaacttct ggatcgggct cacc 24 <210> 52 <211> 24 <212> DNA <213> Artificial Sequence <223> Synthetic oligonucleotide probe <400> 52 gggtctgggc caggtggaag agag 24 <210> 53 <211> 45 <212> DNA <213> Artificial Sequence <223> Synthetic oligonucleotide probe <400> 53 gccaaggact ccttccgctg ggccacaggg gagcaccagg ccttc 45 <210> 54 <211> 2331 <212> DNA <213> Homo Sapien <400> 54 cggacgcgtg ggctgggcgc tgcaaagcgt gtcccgccgg gtccccgagc 50 gteeegegee etegeeeege eatgeteetg etgetgggge tgtgeetggg 100 gctgtccctg tgtgtggggt cgcaggaaga ggcgcagagc tggggccact 150

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- Lys Thr Lys Pro Leu Met Thr Glu Phe Ser Val Lys Ser Thr Ile 50 55 60
- Ile Ser Arg Tyr Ala Phe Thr Thr Val Ser Cys Arg Met Leu Asn
 65 70 75
- Arg Ala Ser Glu Asp Gln Asp Ile Glu Phe Gln Met Gln Ile Pro 80 85 90
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Arg	Leu	Gly	Lys	Tyr 170	Glu	His	Ser	Ile	Ser 175	Val	Arg	Pro	Gln	Gln 180
Leu	Ser	Gly	Arg	Leu 185	Ser	Val	Asp	Val	Asn 190	Ile	Leu	Glu	Ser	Ala 195
Gly	Ile	Ala	Ser	Leu 200	Glu	Val	Leu	Pro	Leu 205	His	Asn	Ser	Arg	Gln 210
Arg	Gly	Ser	Gly	Arg 215	Gly	Glu	Asp	Asp	Ser 220	Gly	Pro	Pro	Pro	Ser 225
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Gly	Asp	Phe	Ile	Ile 260	Arg	Tyr	Asp	Val	Asn 265	Arg	Glu	Gln	Ser	Ile 270
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Pro	Lys	Asp	Leu	Pro 290	Pro	Leu	Pro	Lys	Asn 295	Val	Val	Phe	Val	Leu 300
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Asp	Ala	Leu	Phe	Thr 320	Ile	Leu	His	Asp	Leu 325	Arg	Pro	Gln	Asp	Arg 330
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ggctctgctg acccaacaaa cagagctgca gagcctcagg agagaggtga 300
gccggctgca ggggacagga ggcccctccc agaatgggga agggtatccc 350
tggcagagtc tcccggagca gagttccgat gccctggaag cctgggagaa 400
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tggggagaga tcccggaaaa ggagagcagt gctcaccaa aaacagaaga 450 agcagcactc tgtcctgcac ctggttccca ttaacgccac ctccaaggat 500 gactccgatg tgacagaggt gatgtggcaa ccagctctta ggcgtgggag 550 aggcctacag gcccaaggat atggtgtccg aatccaggat gctggagttt 600 atctgctgta tagccaggtc ctgtttcaag acgtgacttt caccatgggt 650 caggtggtgt ctcgagaagg ccaaggaagg caggagactc tattccgatg 700 tataagaagt atgccctcc accaggaccg ggcctacaac agctgctata 750 gcgcaggtgt cttccattta caccaagggg atattctgag tgtcataatt 800 ccccgggcaa gggcgaaact taacctctct ccacatggaa ccttcctggg 850 gtttgtgaaa ctgtgattgt gttataaaaa gtggctccca gcttggaaga 900 ccagggtggg tacatactgg agacagccaa gagctgagta tataaaggag 950 agggaatgtg caggaacaga ggcatcttcc tgggtttggc tccccgttcc 1000 tcacttttcc ctttcattc ccaccccta gactttgatt ttacggatat 1050 cttgcttctg ttcccatgg agctccca gcttgatat ttacggatat ttcccttgt ttccccatgg agctccct ttccttgt ttccccttg ttcccctt ttcccttgt ttccccttg ttcccctt ttcccttgatt ttacggatat ttacggatat ttcccctttc ttccctttcc ttgggtttggc tccccgttcc 1000 tcacttttcc tttccttgt ttccccatgg agctcccta gactttgatt ttacggatat 1050 cttgcttctg ttccccatgg agctccct agctttgatt ttacggatat ttccccttt

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- <211> 250
- <212> PRT
- <213> Homo Sapien

<400> 76

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- Gly Asn Met Gly Gly Pro Val Arg Glu Pro Ala Leu Ser Val Ala 20 25 30
- Leu Trp Leu Ser Trp Gly Ala Ala Leu Gly Ala Val Ala Cys Ala 35 40 45
- Met Ala Leu Leu Thr Gln Gln Thr Glu Leu Gln Ser Leu Arg Arg
 50 55 60
- Glu Val Ser Arg Leu Gln Gly Thr Gly Gly Pro Ser Gln Asn Gly
 65 70 75
- Glu Gly Tyr Pro Trp Gln Ser Leu Pro Glu Gln Ser Ser Asp Ala 80 85 90
- Leu Glu Ala Trp Glu Asn Gly Glu Arg Ser Arg Lys Arg Arg Ala 95 100 105
- Val Leu Thr Gln Lys Gln Lys Gln His Ser Val Leu His Leu 110 115 120

ValProIleAsnAla 125ThrSerLysAspAspSerAspValThrGlu 135ValMetTrpGlnProAlaLeuArgArgAlgArgGlyArgGlyLeuGlnAlaGlnGlyTyrGlyValArgIleGlnAspAlaFheThrMetGlyGlnTyrSerGlnValGlyGlnGlyArgGlnThrHeuPheArgValValArgGlyGlyGlyArgArgAlaTyrAspPheArgCysIleArgArgArgAlaFheHisPheHisFheArgAlaTyrAspIleLeuCysTyrSerAlaGlyValPheHisLeuHisGlyAspAspIleLeuSerValIleIleProArgAlaLysLeuAspLeuAspIleLeu

His Gly Thr Phe Leu Gly Phe Val Lys Leu

<210> 77

<211> 2849

<212> DNA

<213> Homo Sapien

<400> 77

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<400> 78

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Leu Ala Phe Ala Ser Gly Leu Val Leu Ser Arg Val Pro His Val
20 25 30

Gln Gly Glu Gln Gln Glu Trp Glu Gly Thr Glu Glu Leu Pro Ser 35 40 45

Pro Pro Asp His Ala Glu Arg Ala Glu Glu Gln His Glu Lys Tyr
50 55 60

Arg Pro Ser Gln Asp Gln Gly Leu Pro Ala Ser Arg Cys Leu Arg
65 70 75

Cys Cys Asp Pro Gly Thr Ser Met Tyr Pro Ala Thr Ala Val Pro 80 85 90

Gln Ile Asn Ile Thr Ile Leu Lys Gly Glu Lys Gly Asp Arg Gly 95 100 105

Asp Arg Gly Leu Gln Gly Lys Tyr Gly Lys Thr Gly Ser Ala Gly

<210> 78

<211> 281

<212> PRT

<213> Homo Sapien

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Ala	Pro	Gly	Glu	Arg 140	Cys	Lys	Ser	His	Tyr 145	Ala	Ala	Phe	Ser	Val 150
Gly	Arg	Lys	Lys	Pro 155	Met	His	Ser	Asn	His 160	Tyr	Tyr	Gln	Thr	Val 165
Ile	Phe	Asp	Thr	Glu 170	Phe	Val	Asn	Leu	Tyr 175	Asp	His	Phe	Asn	Met 180
Phe	Thr	Gly	Lys	Phe 185	Tyr	Cys	Tyr	Val	Pro 190	Gly	Leu	Tyr	Phe	Phe 195
Ser	Leu	Asn	Val	His 200	Thr	Trp	Asn	Gln	Lys 205	Glu	Thr	Tyr	Leu	His 210
Ile	Met	Lys	Asn	Glu 215	Glu	Glu	Val	Val	Ile 220	Leu	Phe	Ala	Gln	Val 225
Gly	Asp	Arg	Ser	Ile 230	Met	Gln	Ser	Gln	Ser 235	Leu	Met	Leu	Glu	Leu 240
Arg	Glu	Gln	Asp	Gln 245	Val	Trp	Val	Arg	Leu 250	Tyr	Lys	Gly	Glu	Arg 255
Glu	Asn	Ala	Ile	Phe 260	Ser	Glu	Glu	Leu	Asp 265	Thr	Tyr	Ile	Thr	Phe 270
Ser	Gly	Tyr	Leu	Val 275	Lys	His	Ala	Thr	Glu 280	Pro				
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1200	υŢ.			, rrg	Jiiuc J		ide j	,1000	-					
<400> taca		cca ç	atcac	agaco	ra go	aga 2	24							
			juuu	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	, 666								
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<211> 2284
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 ggcgccgggg tcctctcgac gccagagaga aatctcatca tctgtgcagc 150
 cttcttaaag caaactaaga ccagagggag gattatcctt gacctttgaa 200
 gaccaaaact aaactgaaat ttaaaatgtt cttcggggga gaagggagct 250
 tgacttacac tttggtaata atttgcttcc tgacactaag gctgtctgct 300
 agtcagaatt gcctcaaaaa gagtctagaa gatgttgtca ttgacatcca 350
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teteageete ceaegaeeet eatttetaea gtttttaeae gggetgegge 1100 tacactccaa gcaatggcta caacagcagt tctgactacc acctttcagg 1150 cacctacgga ctcgaaaggc agcttagaaa ccataccgtt tacagaaatc 1200 tccaacttaa ctttgaacac agggaatgtg tataacccta ctgcactttc 1250 tatgtcaaat gtggagtctt ccactatgaa taaaactgct tcctgggaag 1300 gtagggaggc cagtccaggc agttcctccc agggcagtgt tccagaaaat 1350 cagtacggcc ttccatttga aaaatggctt cttatcgggt ccctgctctt 1400 tggtgtcctg ttcctggtga taggcctcgt cctcctgggt agaatccttt 1450 cggaatcact ccgcaggaaa cgttactcaa gactggatta tttgatcaat 1500 gggatctatg tggacatcta aggatggaac tcggtgtctc ttaattcatt 1550 tagtaaccag aagcccaaat gcaatgagtt tctgctgact tgctagtctt 1600 agcaggaggt tgtattttga agacaggaaa atgccccctt ctgctttcct 1650 ttttttttt ggagacagag tcttgctctg ttgcccaggc tggagtgcag 1700 tagcacgate teggetetea eegeaacete egteteetgg gtteaagega 1750 ttctcctgcc tcagcctcct aagtatctgg gattacaggc atgtgccacc 1800 acacctgggt gatttttgta tttttagtag agacggggtt tcaccatgtt 1850 ggtcaggctg gtctcaaact cctgacctag tgatccaccc tcctcggcct 1900 cccaaagtgc tgggattaca ggcatgagcc accacagetg gccccettct 1950 gttttatgtt tggtttttga gaaggaatga agtgggaacc aaattaggta 2000 attttgggta atctgtctct aaaatattag ctaaaaacaa agctctatgt 2050 aaagtaataa agtataattg ccatataaat ttcaaaattc aactggcttt 2100 tatgcaaaga aacaggttag gacatctagg ttccaattca ttcacattct 2150 tggttccaga taaaatcaac tgtttatatc aatttctaat ggatttgctt 2200 ttctttttat atggattcct ttaaaactta ttccagatgt agttccttcc 2250 aattaaatat ttgaataaat cttttgttac tcaa 2284

<210> 83

<211> 431

<212> PRT

<213> Homo Sapien

<400> 83

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				305					310					315
Ser	Leu	Glu	Thr	Ile 320	Pro	Phe	Thr	Glu	Ile 325	Ser	Asn	Leu	Thr	Leu 330
Asn	Thr	Gly	Asn	Val 335	Tyr	Asn	Pro	Thr	Ala 340	Leu	Ser	Met	Ser	Asn 345
Val	Glu	Ser	Ser	Thr 350	Met	Asn	Lys	Thr	Ala 355	Ser	Trp	Glu	Gly	Arg 360
Glu	Ala	Ser	Pro	Gly 365	Ser	Ser	Ser	Gln	Gly 370	Ser	Val	Pro	Glu	Asn 375
Gln	Tyr	Gly	Leu	Pro 380	Phe	Glu	Lys	Trp	Leu 385	Leu	Ile	Gly	Ser	Leu 390
Leu	Phe	Gly	Val	Leu 395	Phe	Leu	Val	Ile	Gly 400	Leu	Val	Leu	Leu	Gly 405
Arg	Ile	Leu	Ser	Glu 410	Ser	Leu	Arg	Arg	Lys 415	Arg	Tyr	Ser	Arg	Leu 420
Asp	Tyr	Leu	Ile	Asn 425	Gly	Ile	Tyr	Val	Asp 430	Ile				
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agtgtaagtc aagctccc 18
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<211> 957
<212> DNA
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 cattccagat gcacccctgt ccagtgctgc ctatagcatc cgcagcatcg 150
gggagaggcc tgtcctcaaa gctccagtcc ccaaaaggca aaaatgtgac 200
 cactggactc cctgcccatc tgacacctat gcctacaggt tactcagegg 250
 aggtggcaga agcaagtacg ccaaaatctg ctttgaggat aacctactta 300
 tgggagaaca gctgggaaat gttgccagag gaataaacat tgccattgtc 350
aactatgtaa ctgggaatgt gacagcaaca cgatgttttg atatgtatga 400
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aatccctgct cttcatggtg acctatgacg acggaagcac aagactgaat 500
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<210> 91

<211> 235

<212> PRT

<213> Homo Sapien

<400> 91

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Phe Ala Ser Leu Cys Ala Trp Tyr Ser Gly Tyr Leu Leu Ala Glu 20 25 30

Leu Ile Pro Asp Ala Pro Leu Ser Ser Ala Ala Tyr Ser Ile Arg
35 40 45

Ser Ile Gly Glu Arg Pro Val Leu Lys Ala Pro Val Pro Lys Arg
50 55 60

Gln Lys Cys Asp His Trp Thr Pro Cys Pro Ser Asp Thr Tyr Ala 65 70 75

Tyr Arg Leu Leu Ser Gly Gly Gly Arg Ser Lys Tyr Ala Lys Ile 80 85 90

Cys Phe Glu Asp Asn Leu Leu Met Gly Glu Gln Leu Gly Asn Val

Ala Arg Gly Ile Asn Ile Ala Ile Val Asn Tyr Val Thr Gly Asn 110 115 120

Val Thr Ala Thr Arg Cys Phe Asp Met Tyr Glu Gly Asp Asn Ser 125 130 135

Gly Pro Met Thr Lys Phe Ile Gln Ser Ala Ala Pro Lys Ser Leu 140 145 150

Leu Phe Met Val Thr Tyr Asp Asp Gly Ser Thr Arg Leu Asn Asn 155 160 165

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Asp Ala Lys Asn Ala Ile Glu Ala Leu Gly Ser Lys Glu Ile Arg
                 170
Asn Met Lys Phe Arg Ser Ser Trp Val Phe Ile Ala Ala Lys Gly
Leu Glu Leu Pro Ser Glu Ile Gln Arg Glu Lys Ile Asn His Ser
Asp Ala Lys Asn Asn Arg Tyr Ser Gly Trp Pro Ala Glu Ile Gln
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 Ile Glu Gly Cys Ile Pro Lys Glu Arg Ser
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aagattettg agegatteea getg 24
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<210> 97
<211> 25
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 ccaacctcag cttccgcctc tacga 25
<210> 98
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<400> 98
 catccaggct cgccactg 18
<210> 99
<211> 20
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<210> 100
<211> 25
<212> DNA
<213> Artificial Sequence
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<210> 101
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gggcagaaat ccagccact 19
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<400> 102
cccttcgcct gcttttga 18
<210> 103
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> Synthetic oligonucleotide probe
<400> 103
gccatctaat tgaagcccat cttccca 27
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<212> DNA
<213> Artificial Sequence
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<211> 21
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<210> 108
<211> 19
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<400> 108
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<211> 21
<212> DNA
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<400> 110
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